



Dart Aerospace Ltd.
1270 Aberdeen St
Hawkesbury, ON
K6A 1K7
Canada

Tel (613) 632-5200

D5585-1
Job Sheet 173991

Accounting Job RD17-1046-01



Part No: D5585-1

Job Qty: 2 ea

Part Name: Stringer, LH Aft



Part Weight: 0 lbs

Status: Scheduled

Job Created: 3/8/18

Job Tracking No:

Due Date: 3/30/18

Created By: Michelle Gagnon-Donovan

Type: R+D

Description:

Note: TBD Dwg. D5585 Rev.A IPP Rev.A New issue 18/03/07 verified by:DP

Ship Via:

POSITIVE RECALL

EFFECTIVE 18.03.11 AUTH 18.03.11

RELEASED 9 9-89 DATE 18.3.22

Bill of Materials

Job Routing

Op No	Operation	Qty	Start Date	Due Date	Standard Setup hrs	Run Hrs	Workcenter/Supplier	Lead Time	Sign-off
90	Start up Operation	2 Ea		3/29/18	0.00	0.00	Start Up Waterjet		18/03/11
100	Waterjet	2 pcs		3/30/18	0.00	0.18	Waterjet1		18/03/11
110	QC	2 pcs		3/30/18	0.00	0.00	QC2 Waterjet-4		18/03/11
120	QC	2 pcs		3/30/18	0.00	0.00	QC8-6		38
130	Outsource	2 pcs		3/30/18	0.00	0.00	Outsource4 P0039408		CT 9-89 18-03
140	Packaging	2 pcs		3/30/18	0.00	0.00	Packaging2		11
160	QC	2 pcs		3/30/18	0.00	0.00	QC6		11
170	Packaging	2 pcs		3/30/18	0.00	0.00	Packaging3-2		11
180	QC21-SA	2 Ea		3/30/18	0.00	0.00	QC21		APR 18 2018

Part Op 100 - 1-Cut as per Dwg Dwg Rev: A Prog Rev: A 2-Deburr if necessary

Descriptions: 110 - QC2- Inspect parts off machine FAI/FAIB

120 - QC8- Inspect parts - second check

130 - Issue P/O to ATG : 1- Anodize Black per MIL-A-8625, Type II, Class 2 as per Dwg. D5585 2- Prime Grey as per Dwg. Certification of Conformity is required.

140 - Certification of Conformity is required.

170 - Identify as per dwg & Stock Location:

180 - QC21- Final Inspection - Work Order Release

Job BOM

Part / Item	Component Name	Quantity	Operation	Container
M2024T3S.040	2024-T3 .040 Sheet	.2240 sf (.112 ea)	90-Start up Operation	5042211

Job Allocations

Operation	Component Part	Required	Inventory	Allocated
90-Start up Operation	M2024T3S.040	0	49	0

Part Specifications

Specifications could not be found.

Plex 3/8/18 1:37 PM Dart.Gagnon.Michelle



Container No: S049911



Part: D5585-1

Job No: 173991

Serial No/Batch: S049911

Revision: A

Inspector:

Dart Aerospace Ltd.
1270 Aberdeen Street
Hawkesbury, ON K6A 1K7
CANADA
TEL.: 1 813 632-6200
Email: sales@dartaero.com
www.dartaerospace.com

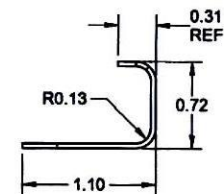
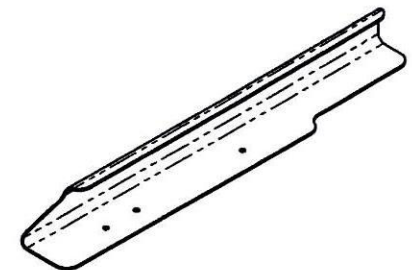
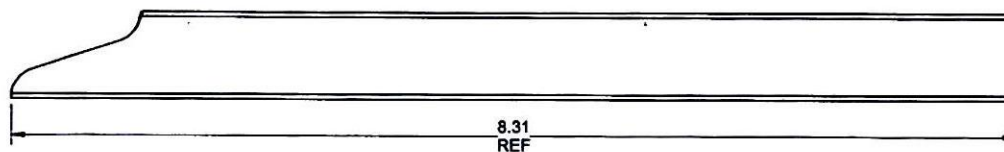
Date: 03/11/18

SHOP COPY

RETURN TO
ENGINEERING
UNCONTROLLED COPY
SUBJECT TO AMENDMENT

WITHOUT NOTICE
WORK ORDER
NO. 173991

MAR 08 2018



D5585-1 STRINGER, LH AFT

NOTES:

- 1) MATERIAL: MAKE FROM D5585-1F
- 2) FINISH: ANODIZE PER MIL-A-8825, TYPE II, CLASS 2, COLOR = BLACK
PRIME GREY PER QSI 005, 4.2.1.3.2
- 3) TOLERANCES: PER DART QSI 018 UNLESS OTHERWISE NOTED
- 4) UNITS: INCHES UNLESS OTHERWISE NOTED
- 5) BREAK SHARP EDGES: N/A
- 6) IDENTIFICATION: IDENTIFY PER QSI 044 6.1
- 7) WEIGHT: 0.06 lbs

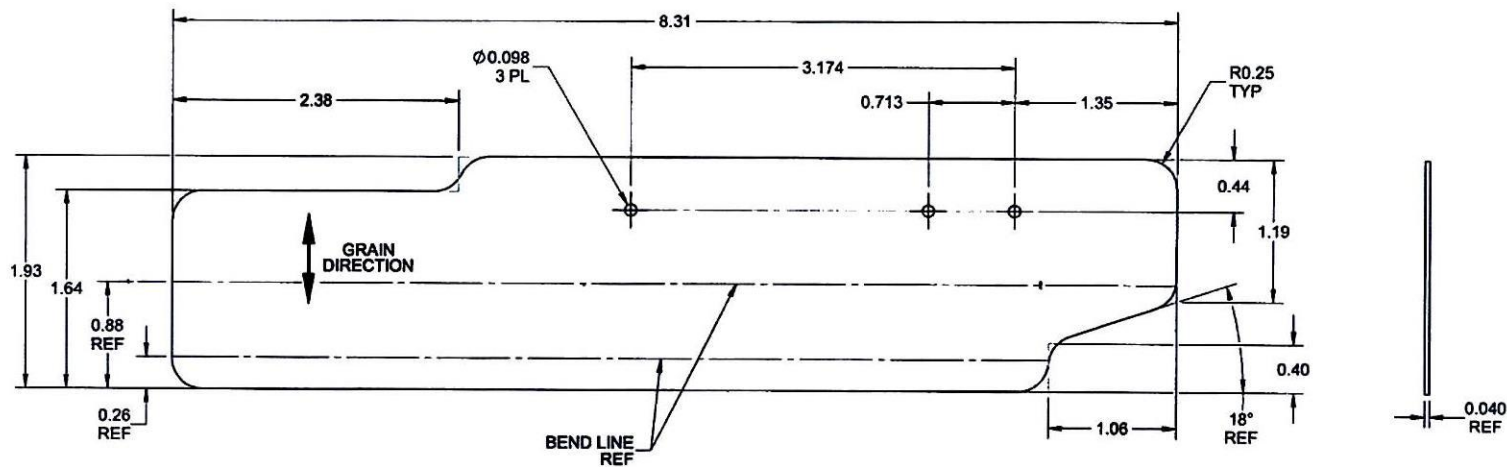
RELEASED

2018 MAR 07
EUGENE, OR

APPROVED

A		NEW ISSUE		RF	17.11.02
REV.		DESCRIPTION		BY	DATE
DESIGN	AJS	DART AEROSPACE USA, INC. EUGENE, OR		REV. A SHEET 1 OF 2	
DRAWN	RF				
CHECKED	VS	DRAWING NO. D5585		SCALE NTS	
MFG. APPR.	JFS	TITLE STRINGER, LH AFT			
APPROVED	HS				
DE APPR.	CP				
DATE	17.11.02				

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NOT TO BE USED FOR ANY PURPOSE OR COPIED OR COMMUNICATED TO ANY OTHER PERSON WITHOUT
WRITTEN PERMISSION FROM DART AEROSPACE USA, INC.



D5585-1F STRINGER, LH AFT
(FLAT PATTERN)

NOTES:

- 1) MATERIAL: 2024-T3 ALUMINUM SHEET, 0.040 THICK
PER QQ-A-250/4 OR AMS-QQ-A-250/4
OR AMS 4037 OR ASTM B209
REF DART SPEC M2024T3S
- 2) FINISH: NONE
- 3) TOLERANCES: PER DART QSI 018 UNLESS OTHERWISE NOTED
- 4) UNITS: INCHES UNLESS OTHERWISE NOTED
- 5) BREAK SHARP EDGES: 0.005 TO 0.010 MAX
- 6) IDENTIFICATION: N/A
- 7) WEIGHT: 0.06 lbs

RELEASED

2018 MAR 07 *q*

APPROVED

DESIGN	AJS
DRAWN	RF
CHECKED	VS
MFG. APPR.	JFS
APPROVED	HS
DE APPR.	CP <i>q</i>
DATE	17.11.02

DART AEROSPACE USA, INC.
EUGENE, OR

DRAWING NO.
D5585

REV. A
SHEET 2 OF 2

TITLE
STRINGER, LH AFT

SCALE
NTS

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WRITTEN PERMISSION FROM DART AEROSPACE USA, INC.



Dart Aerospace Ltd.
1270 Aberdeen St
Hawkesbury, ON
K6A 1K7
Canada

Tel (613) 632-5200

PURCHASE ORDER **PO039408**

Supplier: ATG001-VC
A.T.G. Industries Inc
731 INDUSTRIELLE ROAD
ROCKLAND
ON
K4K 1T2 Canada
Phone: 613-446-4544
Fax: 613-446-4556

Attention: Lalande, Marc-Andre

Ship To: 1270 Aberdeen Street
Hawkesbury
ON
K6A 1K7 Canada
Phone: 613-632-5200

PO No: PO039408
PO Date: 3/23/18
Due Date: 4/20/18
Purchase Order Revision:
Revision Date:
Ship-To Contact: Tsimiklis, ChrisoulaPhone:

Via: Ground
Pymt Terms: Net 30
Freight Terms:
Special Comments:

Items

Line Item	Job	Part	Description	Status	Due Date	Order Quantity	Received Quantity	Balance	Unit Price (CAD)	Extended Price
1	174171	D5589-1	Gusset, Outboard LH Issue P/O to ATG : _____ 1- Anodize Black per MIL-A-8625, Type II, Class 2 as per Dwg. D5589 2- Prime Grey as per Dwg. Certification of Conformity is required.	Firmed	4/19/18	2 pcs	0 pcs	2 pcs	\$12.35/pcs	\$24.70
2	174168	D5581-2	Clip, Fwd, RH Issue P/O to ATG : _____ 1- Anodize Black per MIL-A-8625, Type II, Class 2 as per Dwg. D5581 2- Prime Grey as per Dwg. Certification of Conformity is required.	Firmed	4/19/18	2 pcs	0 pcs	2 pcs	\$11.50/pcs	\$23.00
3	173983	D5583-1	Radius Block Issue P/O to ATG : _____ 1- Anodize Black per MIL-A-8625, Type II, Class 2 as per Dwg. D5583 2- Prime Grey as per Dwg. Certification of Conformity is required.	Firmed	4/19/18	4 pcs	0 pcs	4 pcs	\$8.85/pcs	\$35.40
4	174173	D5590-1	Gusset, Inboard LH Issue P/O to ATG : _____ 1- Anodize Black per MIL-A-8625, Type II, Class 2 as per Dwg. D5590 2- Prime Grey as per Dwg. Certification of Conformity is required.	Firmed	4/19/18	2 pcs	0 pcs	2 pcs	\$12.35/pcs	\$24.70

Items										
Line Item	Job	Part	Description	Status	Due Date	Order Quantity	Received Quantity	Balance	Unit Price (CAD)	Extended Price
19	173991	D5585-1	Stringer, LH Aft Issue P/O to ATG : _____ 1- Anodize Black per MIL-A-8625, Type II, Class 2 as per Dwg. D5585 2- Prime Grey as per Dwg. Certification of Conformity is required.	Firmed	4/19/18	2 pcs /	0 pcs 2x	2 pcs	\$6.50/pcs A18/04/18	\$13.00
20	173994	D5588-1	Stringer, RH Aft Issue P/O to ATG : _____ 1- Anodize Black per MIL-A-8625, Type II, Class 2 as per Dwg. D5588 2- Prime Grey as per Dwg. Certification of Conformity is required.	Firmed	4/19/18	2 pcs	0 pcs	2 pcs	\$6.50/pcs	\$13.00
21	171987	D5573-2	Base Bracket, Upper Cable Cutter, RH Issue P/O to ATG : _____ Black Anodize & Prime as per Dwg. D5573 Certification of Conformity is required.	Firmed	4/19/18	3 pcs /3x	0 pcs	3 pcs	\$9.20/pcs A18/04/17	\$27.60
Grand Total:										\$561.25

Order Notes

Procurement Quality Clauses

A005 right of entry
 A012 chemical and physical test report
 A016 personnel qualification
 A017 raw material identification (as applicable)

A022 Apical Processing
 A024 process certifications
 A026 certification of material conformance

A041 quality management system
 A042 dart notification by supplier
 A043 retention of quality documents

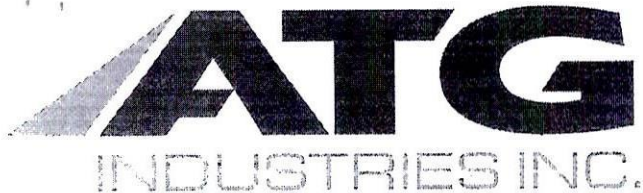
A048 counterfeit parts avoidance, detection, mitigation and disposition program

A049 supplier awareness

Terms & Condition of Purchasing(Suppliers) and Procurement Quality Clauses are an integral part of our AS9100 requirements. To learn in detail, please visit www.dartaerospace.com for further explanation.

Plex 4/17/18 2:32 PM dart.tsimiklis.chrisoula

DAS
11
9-89



A.T.G. Industries Inc.
731 Industrielle Street
Rockland, ON K4K 1T2
Canada

Ph: (613) 446-4544

Fax: (613) 446-4556

Pack List

Number: 914920

Date: 12-Apr-18

To

Dart Aerospace Ltd
1270 Aberdeen St
Hawkesbury, ON K6A 1K7

Ship To

Chrisoula Tsimiklis
Dart Aerospace Ltd
1270 Aberdeen St
Hawkesbury, ON K6A 1K7

Ph: 613 632-9577

Fax: 613 632-1053

Ph: 613 632-9577

Fax: 613 632-1053

Terms		Ship Via	
		OUR TRUCK	
Quantity	Description		
	Please reference this document's Pack List number on all correspondences regarding this shipment. If you have any questions, please contact us.		
2 ea	Part: D5572-1 Base Bracket, Lower Cable LH Hard Black Anodize per MIL-A-8625F, Type II, Class 2, . Prime IAW Mil-P-23377 J Type I Class N; 1-2 mil max as per QSI 005 Job: 22786		Rev: A PO: PO039408 Line: 14
2 ea	Part: D5585-1 Stringer, LH Aft Hard Black Anodize per MIL-A-8625F, Type II, Class 2, . Prime IAW Mil-P-23377 J Type I Class N; 1-2 mil max as per QSI 005 Job: 22791		Rev: A PO: PO039408 Line: 19
2 ea	Part: D5581-1 Clip, Fwd. LH Hard Black Anodize per MIL-A-8625F, Type II, Class 2, . Prime IAW Mil-P-23377 J Type I Class N; 1-2 mil max as per QSI 005 Job: 22778		Rev: A PO: PO039408 Line: 6
2 ea	Part: D5581-3 Clip, Aft. LH Hard Black Anodize per MIL-A-8625F, Type II, Class 2, . Prime IAW Mil-P-23377 J Type I Class N; 1-2 mil max as per QSI 005 Job: 22779		Rev: A PO: PO039408 Line: 7
2 ea	Part: D5589-2 Gusset, Outboard RH Hard Black Anodize per MIL-A-8625F, Type II, Class 2, . Prime IAW Mil-P-23377 J Type I Class N; 1-2 mil max as per QSI 005 Job: 22780		Rev: A PO: PO039408 Line: 8
CERTIFICATE OF CONFORMANCE A.T.G Industries Inc. certifies that all items in this shipment conform to the requirements.			
Made in Canada			



A.T.G. Industries Inc.
731 Industrielle Street
Rockland, ON K4K 1T2
Canada

Ph: (613) 446-4544

Fax: (613) 446-4556

Pack List

Number: 914920

Date: 12-Apr-18

To

Dart Aerospace Ltd
1270 Aberdeen St
Hawkesbury, ON K6A 1K7

Ship To

Chrisoula Tsimiklis
Dart Aerospace Ltd
1270 Aberdeen St
Hawkesbury, ON K6A 1K7

Ph: 613 632-9577

Fax: 613 632-1053

Ph: 613 632-9577

Fax: 613 632-1053

Terms		Ship Via	
		OUR TRUCK	
Quantity	Description		
	Date: <u>12/04/2018</u>		
	Certified Signature: <u>[Signature]</u>		
	Receiver Signature: _____		
	A.T.G Industries Inc. is AS9100 Registered and Nadcap Chemical Processing Accredited.		
	Note: This Packing Slip may contain parts that have been PLATED. Items that are plated may be subject to natural tarnishing and it is suggested that they be inspected within 24 hours of receipt.		
	Made in Canada.		

2/14/2018

Print



Dart Hawkesbury
1270 Aberdeen St Hawkesbury, ON K6A 1K7 Canada
Tel (613) 632-5200

Purchasing Receipt

PO No	Supplier	Line Item No	Rel No	Terms	Purchased Item	Description	For Part No	Project	Equipment ID	Order Qty	Due Date	Received Quantity	Accounting Job No	Serial No	Status	Receive Date	Price/Unit	A
PO038983	ACI001-VC	1	1	Net 30	M304S16GA	304/316 Sheet .063 : MATERIAL: AISI 304/316 SS SHEET ANNEALED AS PER MIL-S-5059 OR AMS 5513 (304) OR AMS 5524 (316) OR ASTM A240 OR ASME SA240 receive sf				96	2/12/2018	96		S042198	Stock	2/13/2018	\$ 6.51 / sf	
		2			M304S16GA	304/316 .050 Sheet : MATERIAL: AISI 304/316 SS SHEET ANNEALED AS PER MIL-S-5059 OR AMS 5513 (304) OR AMS 5524 (316) OR ASTM A240 OR ASME SA240 receive sf				256		256		S042198	Stock	2/13/2018	\$ 5.36 / sf	
		3			M304S20GA	304/316 .040 Sheet : MATERIAL: AISI 304/316 SS SHEET ANNEALED AS PER MIL-S-5059 OR AMS 5513 (304) OR AMS 5524 (316) OR ASTM A240 OR ASME SA240 receive sf				96		96		S042198	Stock	2/13/2018	\$ 3.91 / sf	
		5			M6061T65.040	6061-T6 .040 Sheet : MATERIAL: 6061-T6/T62 ALUMINUM SHEET AS PER QQ-A-250/11 OR AMS-QQ-A-250/11 OR AMS 4025 OR AMS 4027 OR ASTM B209 receive sf					2/12/2018	96		S042198	Stock	2/13/2018	\$ 3.66 / sf	
		6			M6061T65.063	6061-T6 .063 Sheet : MATERIAL: 6061-T6/T62 ALUMINUM SHEET AS PER QQ-A-250/11 OR AMS-QQ-A-250/11 OR AMS 4025 OR AMS 4027 OR ASTM B209 receive sf						96		S042200	Stock	2/13/2018	\$ 5.64 / sf	
		7			M6061T650.250X6.250	6061-T651 Sheet 0.250" Thick Plate x 6.250" Wide				6		6		S042200	Stock	2/13/2018	\$ 16.51 / ft	
		8			M6061T651.000X4.000	6061-T6 Bar 1.000 X 4.000 : MATERIAL: 6061- T6/T651/T6510/T6511/T62 ALUMINUM BAR PER QQ-A-225/8 OR AMS-QQ- A-225/8 OR AMS 4117/4128/4115/4116 OR QQ-A-200/8 OR AMS-QQ- A-200/8 OR AMS 4160 OR ASTM B211 OR ASTM B221 receive ft				12		12		S042200	Stock	2/13/2018	\$ 13.25 / ft	
		9			M6061T651.000X8.000	6061T6 Bar 1.000 X 8.000 : MATERIAL: 6061- T6/T651/T6510/T6511/T62 ALUMINUM BAR PER QQ-A-225/8 OR AMS-QQ- A-225/8 OR AMS 4117/4128/4115/4116 OR QQ-A-200/8 OR AMS-QQ- A-200/8 OR AMS 4160 OR ASTM B211 OR ASTM B221 receive ft						12		S042200	Stock	2/13/2018	\$ 24.99 / ft	
		10			M6061T651.000X6.000	6061T6 Bar 1.000 X 6.000 : MATERIAL: 6061- T6/T651/T6510/T6511/T62 ALUMINUM BAR PER QQ-A-225/8 OR AMS-QQ- A-225/8 OR AMS 4117/4128/4115/4116 OR QQ-A-200/8 OR AMS-QQ- A-200/8 OR AMS 4160 OR ASTM B211 OR ASTM B221 receive ft				36		36		S042200	Stock	2/13/2018	\$ 19.45 / ft	
		13			M304B1.000X2.500	304 Bar 1.000 X 2.500" MATERIAL: AISI 304/316 SS BAR OR AISI 304/316 SS PLATE AS PER ASTM A276 OR ASTM A240 NOTE: AISI 303 NOT ACCEPTABLE receive ft				12		12		S042200	Stock	2/13/2018	\$ 30.26 / ft	

2/14/2018

Print

PO No	Supplier	Line Item No	Rel No	Terms	Purchased Item	Description	For Part No	Project	Equipment ID	Order Qty	Due Date	Received Quantity	Accounting Job No	Serial No	Status	Receive Date	Price/Unit
		14			M304B2.500X02.500	304 Bar 2.500 X 2.500" MATERIAL: AISI 304/316 SS BAR OR AISI 304/316 SS PLATE AS PER ASTM A276 OR ASTM A240 NOTE: AISI 303 NOT ACCEPTABLE receive ft						13		S042208	Stock	2/13/2018	\$ 80.75 / ft
		15			M304B0.625X4.000	304 Bar 0.625 X 4.000" MATERIAL: AISI 304/316 SS BAR OR AISI 304/316 SS PLATE AS PER ASTM A276 OR ASTM A240 NOTE: AISI 303 NOT ACCEPTABLE receive ft				4		4		S042207	Stock	2/13/2018	\$ 48.11 / ft
		16			MT-4140QT-R1.375	MT-4140 QT-R1.375 MAT'L: AISI 4130 QUENCHED & TEMPERED ROUND BAR AS PER ASTM 4140 QT OR ASTM 4142 QT				20	2/14/2018	24		S042208	Stock	2/13/2018	\$ 9.39 / ft
		17			M303R0.250	303 Round Bar 0.250"				12	2/12/2018	12		S042208	Stock	2/13/2018	\$ 0.57 / ft
		18			M6061T6T6 1.250W 120	6061T6 Sq Tube 1.250 X 1.250 X 120W MATERIAL: 6061-T6 OR 6061-T651/T6510/T6511/T62 SQUARE TUBING AS PER AMS-QQ-A-225/8 OR AMS 4117/4128/4115/4116 OR PER AMS-QQ-A-200/8 OR AMS 4160 receive ft				20		20		S042210	Stock	2/13/2018	\$ 1.46 / ft
		19			M2024T3S.040	2024-T3 .040 Sheet MATERIAL: 2024-T3 ALUMINUM SHEET AS PER QQ-A-250/4 OR AMS-QQ-A-250/4 OR AMS 4037 OR ASTM B209				48		48		S042211	Stock	2/13/2018	\$ 5.60 / sf
		20			M1018R1.00	1018-1025 Round Bar 1.00 : MATERIAL: AISI 1018-1025 ROUND BAR M1010S20GA AS PER MIL-S-7097 OR ASTM A108 receive ft				20		18		S042212	Stock	2/13/2018	\$ 2.67 / ft
		21			MT-4140QT-R1.000	AISI 4140 Quenched & Tempered Steel Round Bar 1.000" Dia.				8		8		S042213	Stock	2/13/2018	\$ 4.79 / ft
		22			MT-4140QT-R0.625	AISI 4140 Quenched & Tempered Steel Round Bar 0.625" Dia.				90	2/14/2018	90		S042214	Stock	2/13/2018	\$ 2.86 / ft
		24			MT-A513-1-0.750W0.085	A513 Seamless Alloy Steel Round Tubing 0.75" dia x 0.085" Wall				20		23		S042215	Stock	2/13/2018	\$ 3.60 / ft
Total:										972		978					

Plex 2/14/2018 10:11 AM Dan Dubois Pascale

638483

**ACIER OUELLETTE INC.**

935, Boul. du Havre
Salaberry de Valleyfield (Québec) J6S 5L1
Tél.: 450-377-4248 Mtl: 514-336-4248 Ext.: 800-667-4248
Fax: 450-377-5696 Mtl: 514-336-4246 Ext.: 866-456-4242

Order - Sales**Copy**

CO00073284

Billed to

DART AEROSPACE LTD

1270, ABERDEEN ST.
HAWKESBURY, Ontario, K6A 1K7

Shipped to

, Ontario,

Att : CHANTAL LAVOIE Tél.: 613-632-5200

Delivery Route

5

Customer N°

CL10001056

Date

2018/02/08

Delivery date

2018/02/13

Your order N°

03983

Processed by

Josianne Bourdon

Salesman**Carrier**

OUELLETTE VALLEYFIELD

Credit Terme

Net 30 Days

Page

1

Product Description	Weight	Qty	U/M	PCS NB			Internal Use Only				
				CMD	EXP	B/O	IN	I	S	C	OUT
1 SHEET SS 16G SS304-2B (4 X 8) FESS-16G483042B 3419 3 X 4' X 8' HEAT: C2700924	252.00	96.00	PI2_\$CLB	3.00							
2 SHEET SS 18G SS304-2B (4 X 8) FESS-18G483042B 3425 8 X 4' X 8' HEAT: 088E	537.60	256.00	PI2_\$CLB	8.00							
3 SHEET SS 20G SS304-2B (4 X 8) FESS-20G483042B 3430 3 X 4' X 8' HEAT: 499F	150.72	96.00	PI2_\$CLB	3.00							
4 ALU SHEET .040 (18G) 6061-T6 (4 X 12) FEAL-0404126061 3121 2 X 4' X 12' HEAT: 01/0082345/7	54.05	96.00	PI2_\$CLB	2.00							

NIR : R-109516-6

Next Page...

**ACIER OUELLETTE INC.**

935, Boul. du Havre
Salaberry de Valleyfield (Québec) J6S 5L1
Tél.: 450-377-4248 Mtl: 514-336-4248 Ext.: 800-667-4248
Fax: 450-377-5696 Mtl: 514-336-4246 Ext.: 866-456-4242

Order - Sales**Copy**

CO00073284

Customer N° CLI0001056
Date 2018/02/08
Delivery date 2018/02/13
Your order N° 03983
Processed by Josianne Bourdon
Salesman
Carrier OUELLETTE VALLEYFIELD
Credit Terme Net 30 Days
Page 2

Billed to

DART AEROSPACE LTD

1270, ABERDEEN ST.
HAWKESBURY, Ontario, K6A 1K7

Shipped to

, Ontario,

Att : CHANTAL LAVOIE Tél.: 613-632-5200

Delivery Route 5

Product Description	Weight	Qty	U/M	PCS NB			Internal Use Only				
				CMD	EXP	B/O	IN	I	S	C	OUT
TRANSIT ST-JEROME LE 12/02				0.00							
6 ALU SHEET .064 (14G) 6061-T6 (4 X 8) FEAL-064486061 3175	86.50	96.00	PI2_\$CLB	3.00							
3 X 4' X 8' HEAT: 01/0072091/5											
7 ALU PLATE 1/4 6061-T651 RANDOM PAL-146061-V 4245	21.96	6.00	PI2_\$CLB	1.00							
1 X 6 1/4" X 72" HEAT: 6170219											
SHEAR CUT		1.00	UN								
SHEAR											
8 FLAT ALU 1 X 4 6061-T6 RANDOM FAL-14-V 2532	57.60	12.00	PI_\$CLB	1.00							
1 X 12' HEAT: 3B7163											

NIR : R-109516-6

Next Page...

**ACIER QUELLETTE INC.**

935, Boul. du Havre
Sélaberry de Valleyfield (Québec) J6S 5L1
Tél.: 450-377-4248 Mtl: 514-336-4248 Ext.: 800-667-4248
Fax: 450-377-5696 Mtl: 514-336-4246 Ext.: 866-456-4242

Order - Sales**Copy**

C000073284

Billed to

DART AEROSPACE LTD

1270, ABERDEEN ST.
HAWKESBURY, Ontario, K6A 1K7

Shipped to

, Ontario,

Att : CHANTAL LAVOIE Tél.: 613-632-5200

Delivery Route 5

Customer N°

CL10001056

Date

2018/02/08

Delivery date

2018/02/13

Your order N°

03983

Processed by

Josianne Bourdon

Salesman

Carrier

QUELLETTE VALLEYFIELD

Credit Terme

Net 30 Days

Page

3

Product Description	Weight	Qty	U/M	PCS NB			Internal Use Only				
				CMD	EXP	B/O	IN	I	S	C	OUT
9 FLAT ALU 1 X 8 6061-T6 RANDOM FAL-18-V 2558 <i>1 X 12' HEAT: 384855</i> TRANSIT ST-JEROME LE 12/02	112.78	12.00	PI_\$CLB	1.00							
11 FLAT ALU 1 X 6 6061-T6 RANDOM FAL-16-V 2536 <i>3 X 12' HEAT: 37241</i>	253.76	36.00	PI_\$CLB	3.00							
12 FLAT SS 1 X 2 1/2 SS304 RANDOM FSS-1212-V 3492 <i>1 X 12' R/L HEAT: 265140</i> <i>AC13459-MM-12/02</i>	102.00	12.00	PI_\$CLB	1.00							
13 SQUARE SS 2 1/2 SS304 NS CSS-212 10059 <i>1 X 12' R/L HEAT: 56171148</i>	255.00	12.00	PI_\$CLB	1.00							

NIR : R-109516-6

Next Page...

**ACIER OUELLETTE INC.**

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Product Description	Weight	Qty	U/M	PCS NB			Internal Use Only				
				CMO	EXP	B/O	IN	I	S	C	OUT
AC13460-CF-12/02											
14 FLAT SS 5/8 X 4 SS304 RANDOM NS FSS-584-V 8897	34.00	4.00	PI_\$CLB	1.00							
1 X 4" HEAT 56171702 AC13458-GR-12/02											
15 ROUND 4140 HT 1 3/8 NS R4140-138H 9252	100.98	20.00	PI_\$CLB	1.00							
1 X 20" HEAT 75063196 AC13457-VA-12/02											
16 ROUND SS 1/4 303 RANDOM RSS-14303-V 3739	2.00	12.00	PI \$CLB	1.00							
1 X 12" R/L HEAT BSW8											

NIR : R-109516-6

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Product Description	Weight	Qty	U/M	PCS NB			Internal Use Only				
				CMD	EXP	B/O	IN	I	S	C	OUT
17 TUBE ALU 1 1/4 X 1 1/4 X .120 6061-T6 R RANDOM TAL-114114120R-V 6312 <i>1 X 20' ROUND CORNER HEAT: 385680</i>	11.42	20.00	PL \$CLB	1.00							
18 ALU SHEET .040 (18G) 2024-T3 4B (4 X 12) FEAL-0404122024B 3118 <i>1 X 4' X 12' HEAT: 18789388</i>	27.02	48.00	PI2 \$CLB	1.00							
19 ROUND CR 1 1018 RANDOM RCR-1-V 5292 <i>1 X 20' HFAT: 141110</i>	53.40	20.00	PI \$CLB	1.00							
20 ROUND 4140 HEAT TREAT 1 RANDOM R4140-1H-V 4919 <i>1 X 8' HEAT: 177369</i>	21.36	8.00	PI \$CLB	1.00							

NIR : R-109516-6

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HAWKESBURY, Ontario, K6A 1K7

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, Ontario,

Alt : CHANTAL LAVOIE Tél: 613-632-5200

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Product Description	Weight	Qty	U/M	PCS NB			Internal Use Only				
				CMD	EXP	B/O	IN	I	S	C	OUT
COUPE A LA SCIE SCIE 1		1.00	UN								
21 ROUND 4140 HEAT TREAT 5/8 RANDOM R4140-58H-V 4977 4K10 1 X 10" HEAT 75061935	10.43	10.00	PI_\$CL8	1.00							
TRANSIT ST-JEROME LE 12/02 COUPE A LA SCIE SCIE 1		1.00	UN								
23 TUBE MEC 0.750 OD X .083 NS TME-0750083 10058 1 X 20" R/L OFFER .083 HEAT: 15C1472 AC13459-MM-12/02	11.82	20.00	PI_\$PI	1.00							

NIR : R-109516-6

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Product Description	Weight	Qty	U/M	PCS NB			Internal Use Only				
				CMD	EXP	S/O	IN	I	S	C	OUT
SURCHARGE ENERGETIQUE FRAIS_ENERGETIQUE			\$	0.00							

Total Weight (LBS) : 2 156.40

NIR : R-109516-6

Conditions :

All sold and delivered materials remain the property of "Acier Ouellette Inc." until payment is made in full, complete and cashed. All lost materials are at the buyer's expense. The warranty offered by "Acier Ouellette Inc." is the same as offered and honored by the manufacturer and his warranty is transferred by "Acier Ouellette Inc." to the client. The buyer hereby accepts to respect the following conditions: Net 30 days from billing date and the buyer accepts to pay administration charges of 2% per month (24% per annum) on all past due amounts over 30 days. Any default in respect with this contract will lead to payment by acceleration and permits to the seller, at his choice to claim for the balance due or the repossession of the goods sold. All claims must be made within five (5) days with this document enclosed. Any merchandise that has been damaged, cut or modified cannot be returned. All goods returned must be with our authorization and are subject to a 25% restocking charge.

Prepared By :	Verified By :	Delivered By :	Time	Customer's Signature	Y	M	D

Total (\$CAD) 7 617.34
Deposit 0.00
Balance 7 617.34

MATERIAL RECEIPT INSPECTION FORM

MATERIAL M2024T35.0410

PO BATCH NO 038483/0421

DATE FEB 15 2018

MATERIAL CERT REQD YES
 QUANTITY RECEIVED 48^{ft}
 QUANTITY INSPECTED 48^{ft}
 QUANTITY REJECTED 0

THICKNESS ORDERED 7040
 THICKNESS RECEIVED 1040
 SHEET SIZE ORDERED 4X12
 SHEET SIZE RECEIVED 4812

DESCRIPTION	NCR (Check Y/N)	COMMENTS
SURFACE DAMAGE	Y ☒ N ☐	
CORRECT FINISH	Y ☒ N ☐	
CORROSION	Y ☒ N ☐	
CORRECT GRAIN DIRECTION	Y ☒ N ☐	
CORRECT MATERIAL PER M-DRAWING	Y ☒ N ☐	QQ-A-250/4
CORRECT THICKNESS	Y ☒ N ☐	
PHOTO REQUIRED	Y ☒ N ☐	
CORRECT REF # TO LINK CERT	Y ☒ N ☐	Heat # 18784308
CORRECT MATERIAL IDENTIFICATION	Y ☒ N ☐	
CORRECT M# ON THE MATERIAL	Y ☒ N ☐	
DOES THIS MATERIAL REQUIRE ENGINEERING SIGN OFF	Y ☐ N ☒	
DOES THIS REQUIRE AN EXTRUSION REPORT	Y ☐ N ☒	

CUT SAMPLE PIECE OF MATERIAL AND PERFORM A HARDNESS CHECK

RECORD RESULTS BELOW

	HRC	HRB	DJR A	DJR B
TYPE OF MATERIAL				
SIZE OF TEST SAMPLE				
HARDNESS DUROMETER READING				

testers located in the Quality Office

QC 18 INSPECTION

ENGINEERING SIGNOFF (if)

INSPECTED BY: DAS
11
 DATE 9-FEB 15 2018

SIGNED OFF BY _____
 DATE _____

Attach this inspection sheet with the corresponding material cert and permit to be scanned and released.

SPECIFICATION CONTROL DRAWING

PURCHASE MATERIAL: 2024-T3 ALUMINUM SHEET

SPECIFICATION: QQ-A-250/4 OR AMS-QQ-A-250/4
OR AMS 4037
OR ASTM B209



PART NUMBER: M2024T3S | XXX |
THK

WHERE ".XXX" = SHEET THICKNESS (IN INCHES)

EG. 0.063" THICK SHEET = M2024T3S.063

PREFERRED SIZE: .XXX BY 4 FT BY 10 FT

RELEASED
2009-02-23

B	REFORMAT DWG, ADD ASTM B209 SPEC (ZIN D8-1). PAR 08-020A	CP	09.07.07
A	NEW ISSUE	DS	01.09.24
REV.	DESCRIPTION	BY	DATE
DESIGN			
DRAWN			
CHECKED			
MFG. APPR.			
APPROVED			
DE APPR.			
DATE	09.07.07		

DART AEROSPACE LTD HAWKESBURY, ONTARIO, CANADA	
DRAWING NO. M2024T3S	REV. B SHEET 1 OF 1
TITLE 2024-T3 SHEET SPEC	SCALE NTS

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ASTM E1281											
Chemistry:	Si	Fe	Cu	Mn	Mg	Cr	Zn	Ti	V	Zr	Other
Accum(wt%)	0.07	0.17	4.8	0.62	1.3	0.01	0.12	0.02	0.01	0.01	0.05
ALLOY UNITS											
2024	0.00	0.00	8.8	0.30	1.2	0.00	0.00	0.00	0.00	0.00	0.05
MAX(wt%)	0.60	0.50	4.9	0.9	1.8	0.10	0.28	0.15	0.05	0.05	0.15
Aluminum Fortifier											
MAX	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05
OTHER	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05

Test Code: 1594
 Lot: 18784588
 ASTM E8/B67
 KEN 2002-1
 Temper: 19
 DW / # Tests: 17 / 2 (Min/Max)
 Ultimate KSI (MPa): 68.8 : 87.2
 Yield KSI (MPa): 45.3 : 45.5
 Elongation %: 18.8 : 17.3
 Test Results
 Drop 56
 Ingot 4
 Made in USA
 ASTM E 208 Rev 14
 AMS 4037 Rev D
 CAMP 018/Rev D
 Certified Specifications
 AMS-00-A-250/Rev B
 CAMP 025/Rev V

SHIP TO: 117 PCB EST. 2003665		QUANTITY: 3298 LB	
WEIGHT (GROSS): 117 PCB EST. 2003665		WEIGHT (NET): 117 PCB EST. 2003665	
SHIP DATE: 20-NOV-2016		SHIP TO: 117 PCB EST. 2003665	
CUSTOMER PO NUMBER: 1223872-2		CUSTOMER PO NUMBER: 1223872-2	
WORK PACKAGE: 20-NOV-2016		WORK PACKAGE: 20-NOV-2016	
CUSTOMER PART NUMBER: 1057511		CUSTOMER PART NUMBER: 1057511	
SHIP TO: 117 PCB EST. 2003665		SHIP TO: 117 PCB EST. 2003665	
SHIP TO: 117 PCB EST. 2003665		SHIP TO: 117 PCB EST. 2003665	

Kaiser Aluminum
 Trentwood Works - Spokane, WA 99215
 Phone: (800) 387-2586
CERTIFIED TEST REPORT
 Serial Number 4440764

FEAL-0404120246 100547
 H7580

#3118

KAISER ALUMINUM

Trentwood Works - Spokane, WA 99215
Phone: (800) 367-2586

CERTIFIED TEST REPORT

Serial Number
4440764

CERTIFICATION

Kaiser Aluminum, Trentwood Works, is ISO 9001, AS9100, and ISO 14001 certified, and hereby certifies that all material shipped under this order:

- has been inspected, tested, and found to be in conformance with the requirements of the specifications indicated herein.
- All test equipment and measuring devices are calibrated and certified in accordance with applicable specifications. For certified test equipment outside specification limits, mechanical properties etc. in these reports and chemical composition test results, reported elongation values have been measured to direction of failure.
- was shipped to the United States of America by a qualifying country per OFATC 225.872-1(a), was manufactured in the United States of America, and meets the requirements of OFATC 225.872 for domestic content.
- has been thoroughly processed in accordance with AMS 2777, where applicable.
- is primary metal, under the terms of contract of ASTM E1218 (C1394).
- is in accordance with Part 2, Aluminum Union Executive 201100000.
- is in accordance with Aluminum Chemical Society, ACSA, NACH regulations, RC 1507/2000, and Kaiser regularly monitors these regulations for updates.
- is free of Certified Materials, as defined in Section 19.2 of the Supply-Side Act.
- is free of lead.
- meets the reporting requirements of 201100000, Type 3.1.

Any customer is limited to that shown on Kaiser Aluminum's standard general terms and conditions of sale. Test reports are on file, subject to examination. Test reports shall not be reproduced except in full, without the written approval of the Kaiser Aluminum Laboratory. For reporting of data, Section or material description or picture on the certificate may be purchased as a copy under separate order.


JAMES HEMENWAY, TECHNICAL PROCESS MANAGER